

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



LSB252  
7/15  
Cop.1

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
MARKET NEWS SECTION - COTTON DIVISION  
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122  
Telephone (901) 534-4736

COTTON GIN EQUIPMENT  
JULY 1976

There were 3,000 active gin batteries in the United States in July 1976, according to the Department of Agriculture, Agricultural Marketing Service. This compares with 3,200 active gin batteries a year earlier and 3,400 two years ago.

All batteries except two, were equipped with seed cotton driers and all but six had lint cleaners. Most of the batteries had two or more stages of seed cotton drying and lint cleaning. Over one-half of the gin batteries were equipped with automatic bulk feed controls, bur extractors and stick and green leaf machines.

By July 1976, almost 2,000 gins had modified their flat gin presses to produce a bale that could be pressed to universal density and size. By July last year almost 1,500 gins were using modified flat gin presses. Universal density presses were in use in 130 gins by July 1976, up from 109 a year earlier.

A total of 279 gins was equipped with mechanical samplers, up from 253 a year earlier. Nearly three-fourths of the samplers were on gins located in Texas, Arizona and California.

Over 86 percent of the active gin batteries were using electricity as the source of power for gin stands. The remaining 14 percent were powered by either diesel fuel, bottled gas or natural gas.

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1976

States and United States	Total gin batteries <u>1/</u>	Number of gin batteries having:													
		Automatic bulk feed control		Seed cotton dryers		Stages of drying			Stages of lint cleaning			Bur extractor	Stick & green leaf machine	Overflow by-pass	Mechani- cal sampler
		No.	No.	No.	No.	1	2	3 or more	Lint cleaners	1	2				
N. Carolina <u>3/</u>	58	27	58	26	28	4	58	18	29	11	-	36	34	40	-
S. Carolina	112	45	112	49	62	1	110	24	62	23	1	30	75	25	1
Georgia	107	55	107	26	70	11	107	12	76	19	-	40	83	64	11
Florida	3	2	3	-	3	-	3	-	2	1	-	-	3	2	1
Alabama	164	86	163	41	121	1	163	8	102	49	4	38	125	90	14
Mississippi	409	276	408	70	328	10	409	56	282	70	1	77	254	354	17
Tennessee	158	84	158	28	107	23	158	11	90	53	4	69	85	112	3
Missouri	97	79	97	7	88	2	97	4	52	40	1	34	60	79	3
Arkansas	338	193	338	52	269	17	338	56	212	65	5	171	165	264	10
Louisiana	123	86	123	5	109	9	123	5	81	35	2	51	91	100	16
Oklahoma	97	45	97	42	52	3	97	39	58	-	-	96	61	82	-
Texas	897	471	897	226	600	71	894	195	624	68	7	809	652	742	71
New Mexico	46	26	46	16	28	2	46	5	27	12	2	19	34	34	-
Arizona	117	100	117	19	81	17	117	10	69	32	6	65	74	95	20
California <u>4/</u>	244	239	244	5	172	67	244	1	146	88	9	106	127	225	112
United States	2,970	1,814	2,968	612	2,118	238	2,964	444	1,912	566	42	1,641	1,923	2,308	279

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1976 -- Continued

States and United States	Total gin batteries 1/	Number of batteries having:					Number of batteries having the following sources of power for gin stands					
		No.	No.	Flat gin presses	Modified flat gin presses	Universal density presses	Standard density presses	High density presses	Electricity	Diesel fuel	Bottled gas	Natural gas
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
N. Carolina 3/	58	58	-	-	-	-	-	-	58	-	-	-
S. Carolina	112	111	-	1	-	-	-	-	112	-	-	-
Georgia	107	102	1	4	-	-	-	-	101	6	-	-
Florida	3	3	-	-	-	-	-	-	3	-	-	-
Alabama	164	160	2	-	2	-	-	-	154	10	-	-
Mississippi	409	20	353	30	6	-	-	-	341	29	15	25
Tennessee	158	36	118	-	4	-	-	-	137	21	-	-
Missouri	97	3	89	3	2	-	-	-	67	25	-	1
Arkansas	338	40	277	14	7	-	-	-	235	46	20	38
Louisiana	123	4	83	27	9	-	-	-	77	6	5	35
Oklahoma	97	1	93	3	-	-	-	-	71	1	5	20
Texas	897	7	852	29	9	-	-	-	799	22	26	56
New Mexico	46	-	45	-	1	-	-	-	45	-	-	1
Arizona	117	59	38	4	16	-	-	-	117	-	-	-
California 4/	244	160	3	15	57	10	243	-	-	-	1	-
United States	2,970	764	1,954	130	113	10	2,560	166	71	177	4	

1/ Saw and roller gin batteries.

2/ A flat gin press box converted to form a bale 24 inches in width.

3/ Includes one battery in Virginia.

4/ Includes one battery in Nevada.

CONTINUATION OF THE 1910 VERTICAL SECTION OF THE CANTERBURY COASTAL TERRANE

Section No.	Distance from Last Vertical Section	Vertical Section		Geological Summary		Thickness in feet	Thickness in meters
		Top	Bottom	Top	Bottom		
100	0	0	0	0	0	0	0
101	100	0	0	0	0	0	0
102	200	0	0	0	0	0	0
103	300	0	0	0	0	0	0
104	400	0	0	0	0	0	0
105	500	0	0	0	0	0	0
106	600	0	0	0	0	0	0
107	700	0	0	0	0	0	0
108	800	0	0	0	0	0	0
109	900	0	0	0	0	0	0
110	1000	0	0	0	0	0	0
111	1100	0	0	0	0	0	0
112	1200	0	0	0	0	0	0
113	1300	0	0	0	0	0	0
114	1400	0	0	0	0	0	0
115	1500	0	0	0	0	0	0
116	1600	0	0	0	0	0	0
117	1700	0	0	0	0	0	0
118	1800	0	0	0	0	0	0
119	1900	0	0	0	0	0	0
120	2000	0	0	0	0	0	0
121	2100	0	0	0	0	0	0
122	2200	0	0	0	0	0	0
123	2300	0	0	0	0	0	0
124	2400	0	0	0	0	0	0
125	2500	0	0	0	0	0	0
126	2600	0	0	0	0	0	0
127	2700	0	0	0	0	0	0
128	2800	0	0	0	0	0	0
129	2900	0	0	0	0	0	0
130	3000	0	0	0	0	0	0
131	3100	0	0	0	0	0	0
132	3200	0	0	0	0	0	0
133	3300	0	0	0	0	0	0
134	3400	0	0	0	0	0	0
135	3500	0	0	0	0	0	0
136	3600	0	0	0	0	0	0
137	3700	0	0	0	0	0	0
138	3800	0	0	0	0	0	0
139	3900	0	0	0	0	0	0
140	4000	0	0	0	0	0	0
141	4100	0	0	0	0	0	0
142	4200	0	0	0	0	0	0
143	4300	0	0	0	0	0	0
144	4400	0	0	0	0	0	0
145	4500	0	0	0	0	0	0
146	4600	0	0	0	0	0	0
147	4700	0	0	0	0	0	0
148	4800	0	0	0	0	0	0
149	4900	0	0	0	0	0	0
150	5000	0	0	0	0	0	0
151	5100	0	0	0	0	0	0
152	5200	0	0	0	0	0	0
153	5300	0	0	0	0	0	0
154	5400	0	0	0	0	0	0
155	5500	0	0	0	0	0	0
156	5600	0	0	0	0	0	0
157	5700	0	0	0	0	0	0
158	5800	0	0	0	0	0	0
159	5900	0	0	0	0	0	0
160	6000	0	0	0	0	0	0
161	6100	0	0	0	0	0	0
162	6200	0	0	0	0	0	0
163	6300	0	0	0	0	0	0
164	6400	0	0	0	0	0	0
165	6500	0	0	0	0	0	0
166	6600	0	0	0	0	0	0
167	6700	0	0	0	0	0	0
168	6800	0	0	0	0	0	0
169	6900	0	0	0	0	0	0
170	7000	0	0	0	0	0	0
171	7100	0	0	0	0	0	0
172	7200	0	0	0	0	0	0
173	7300	0	0	0	0	0	0
174	7400	0	0	0	0	0	0
175	7500	0	0	0	0	0	0
176	7600	0	0	0	0	0	0
177	7700	0	0	0	0	0	0
178	7800	0	0	0	0	0	0
179	7900	0	0	0	0	0	0
180	8000	0	0	0	0	0	0
181	8100	0	0	0	0	0	0
182	8200	0	0	0	0	0	0
183	8300	0	0	0	0	0	0
184	8400	0	0	0	0	0	0
185	8500	0	0	0	0	0	0
186	8600	0	0	0	0	0	0
187	8700	0	0	0	0	0	0
188	8800	0	0	0	0	0	0
189	8900	0	0	0	0	0	0
190	9000	0	0	0	0	0	0
191	9100	0	0	0	0	0	0
192	9200	0	0	0	0	0	0
193	9300	0	0	0	0	0	0
194	9400	0	0	0	0	0	0
195	9500	0	0	0	0	0	0
196	9600	0	0	0	0	0	0
197	9700	0	0	0	0	0	0
198	9800	0	0	0	0	0	0
199	9900	0	0	0	0	0	0
200	10000	0	0	0	0	0	0